

ABSTRACT OF DISCLOSURE

A stent having helical elements, a geometry for improved crimping, and a good stent-to-vessel ratio is disclosed. In one embodiment, the stent has a plurality of first helical segments and a plurality of second opposing helical segments. The first helical segments are comprised of a plurality of first expandable elements and the second helical segments are comprised of a plurality of second helical elements. The expandable elements are joined to each other by a plurality of struts. When the stent is crimped a portion of one of the first expandable elements nest within another portion of the same expandable element and a portion of two first expandable elements nestle between the same two portions of second expandable elements.

10071071.020802